

In the Claims

Listing of the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application.

1. (Currently Amended) A respirator face mask providing physiological protection, particularly for aircraft flight crew, comprising:
  - oronasal face piece (10)-designed to be connected to a respiratory gas source (5),
  - a semi-flexible lip element (6)-with an edge (11)-designed to position the oronasal face piece (10)-on the face (P)-of a user (1), and
  - hygienic protection means (4)-which are removably positioned at least partially inside the mask (2)-and including a first part (4a, 4e, 4d)-which provides hygienic protection and a second part (4b, 4b')-which maintains the hygienic protection means (4) inside the mask (2), this second part (4b, 4b')-co-operating elastically with the semi-flexible lip element (6)-or the face piece (10).
2. (Currently Amended) The mask as claimed in claim 1, wherein the first (4a, 4e, 4d)-and second (4b, 4b')-parts of the hygienic protection means (4)-include different materials.
3. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, wherein the second part (4b, 4b')-is in contact with at least an internal part of the semi-flexible lip element (6).
4. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, wherein a thin lip element (4e, 4d)-prolongs, at least in certain areas, the second part (4b, 4b'), as to extend a few millimeters beyond the edge (11)-of the semi-flexible lip element (6).

5. (Currently Amended) The mask as claimed in claim 4, wherein the thin lip element ~~(4c, 4d)~~ is prolonged over at least an external part of the semi-flexible lip element ~~(6)~~.
6. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, wherein the first part ~~(4a)~~ of the hygienic protection means ~~(4)~~ includes a filter allowing the respiratory gases to pass through.
7. (Currently Amended) The mask as claimed in claim 6, wherein the first part ~~(4a)~~ at least partly filters any infection from the user.
8. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, wherein the first part ~~(4a)~~ has a corrugated shape, in order to reduce the pressure drop of the hygienic protection means ~~(4)~~.
9. (Currently Amended) The mask as claimed in claim 8, wherein the corrugated shape corresponds to waves substantially centered about a central area of the hygienic protection means ~~(4)~~, to facilitate extraction of the hygienic protection means ~~(4)~~ from the mask ~~(2)~~.
10. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, including a cord ~~(7)~~, attached to the hygienic protection means ~~(4)~~, facilitating the extraction of the hygienic protection means ~~(4)~~ from the mask ~~(2)~~.
11. (Currently Amended) The mask as claimed in ~~one of the preceding~~ claim 1, wherein the second part ~~(4b, 4b')~~ is made of silicone.
12. (Currently Amended) The mask as claimed in claim 1, wherein the first part ~~(4c, 4d)~~ of the hygienic protection means ~~(4)~~ covers an area ~~(11)~~ of the semi-flexible lip element ~~(6)~~ which, in the absence of hygienic protection means ~~(4)~~, would have been in contact with the face ~~(P)~~ once the mask ~~(2)~~ was in place on the latter.

13. (Currently Amended) The mask as claimed in ~~one of the preceding~~  
~~claims~~claim 1, wherein the second part ~~(4b')~~ includes an elastic thread ~~(13)~~ gripping the  
semi-flexible lip element.

14. (Currently Amended) The mask as claimed in ~~one of the preceding~~  
~~claims~~claim 1, wherein a flexible structure is placed between the hygienic protection means  
and an internal part of the semi-flexible lip element ~~(6)~~ and extending beyond the latter.

15. (Currently Amended) The mask as claimed in ~~one of the preceding~~  
~~claims~~claim 1, wherein a flexible structure is placed outside the hygienic protection means  
~~(4)~~, inside the semi-flexible lip element ~~(6)~~ and extending beyond the latter.

16. (Currently Amended) The mask as claimed in ~~one of the preceding~~  
~~claims~~claim 1, including:

- a part ~~(4b')~~ located outside the semi-flexible lip element ~~(6)~~ and including a  
structural part providing the seal between the semi-flexible lip element ~~(6)~~ and the hygienic  
protection means ~~(4)~~,
- another part ~~(4e)~~ located over the entire external area ~~(11)~~ of the semi-flexible  
lip element ~~(6)~~ which, in the absence of hygienic protection means ~~(4)~~, would have been in  
contact with the face ~~(P)~~ once the mask ~~(2)~~ was in place on the latter, and
- yet another part ~~(4d)~~ which is designed to be pressed onto the face, by the  
effect of the pressure ~~(PA)~~ of the respiratory gas inside the mask, when the mask ~~(2)~~ is worn,  
to provide a seal between the protection means ~~(4)~~ and the face ~~(P)~~.

17. (Currently Amended) The mask as claimed in claim 16, wherein the structural  
part exerts a mechanical pressure ~~(PM)~~ on the semi-flexible lip element ~~(6)~~, the value of  
which is greater than the maximum value of the maximum pressure ~~(PA)~~ of the respiratory  
gas, which can prevail inside the mask ~~(2)~~.

18. (Currently Amended) The mask as claimed in ~~either of claims~~claim 16 and 17,  
wherein the three parts ~~(4b', 4e and 4d)~~ are formed by a single elastic film.

19. (Currently Amended) The mask as claimed in ~~either of claims~~ claim 16 and ~~17~~,  
wherein the structural part includes an elastic thread ~~(13)~~.